



Air Force Research Laboratory|AFRL

Science and Technology for Tomorrow's Air and Space Force

SUCCESS STORY

AFRL'S DR. DAVID DOMAN TO PARTICIPATE IN FRONTIERS OF ENGINEERING SYMPOSIUM



AFRL's Dr. David Doman was one of only 88 engineers chosen from a field of 220 applicants from industry, academia, and government to participate in the National Academy of Engineering's (NAE) annual Frontiers of Engineering Symposium. He was the only Air Force applicant to pass a competitive selection process that evaluated candidates' contributions to the advancement of their respective engineering field, their interest in engineering developments outside their field, and their potential for future engineering leadership.



Air Force Research Laboratory
Wright-Patterson AFB OH

Accomplishment

Dr. Doman conducts and directs research in the areas of adaptive guidance and control, online trajectory retargeting algorithms, and nonlinear control allocation. He has earned 2 US patents and published over 50 refereed conference papers, journal articles, and technical reports. He was a 2003 corecipient of the prestigious AFRL General Benjamin D. Foulois Award, and he earned the Dr. Courtland D. Perkins Award in 2000; both awards were in recognition of his scientific contributions. Dr. Doman is an Associate Fellow of the American Institute of Aeronautics and Astronautics (AIAA); an associate editor for the AIAA Journal of Guidance, Control, and Dynamics; a member of the AIAA Technical Committee on Guidance, Navigation, and Control; and a senior member of the Institute of Electrical and Electronics Engineers.

Background

The NAE is an independent, nonprofit institution that advises government agencies and the public on engineering and technology issues. Based on their distinguished achievements, engineers become NAE members via peer election. NAE members are among the nation's premier engineers. Established in 1964, the NAE operates under the congressional charter granted to the National Academy of Sciences in 1863.

The NAE's annual Frontiers of Engineering Symposium brings together top US engineers between the ages of 30 and 45. Its goal is to help engineers learn of cutting-edge engineering developments outside their fields, as well as to promote collaboration and sharing of new techniques.

Additional Information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTC, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (VA-S-05-28)

Air Vehicles
Awards and Recognition